Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-8 (Cancelled)

9.   (New) A map information creating device comprising:

a geometry extracting unit that extracts geometry data from map information including a three-dimensional object indicating three-dimensional geometry configured by width, height, and length, the geometry data including a cross-section constituted of at least the width and the height of the three-dimensional object; and

a creating unit that creates a second three-dimensional object having geometry identical to that of the three-dimensional object based on the geometry data.

10.   (New) The map information creating device according to claim 9, further comprising a length extracting unit that extracts information on length of the three-dimensional object from data including information on the length, wherein

the creating unit creates the second three-dimensional object further based on the information on length extracted.

11.   (New) The map information creating device according to claim 10, wherein

the length extracting unit extracts, from network data on a road network in which a plurality of links are connected, link length information on length of a link as the information on length, and

the creating unit creates the second three-dimensional object further based on the link length information.

12.   (New) The map information creating device according to claim 9, further comprising a link-direction extracting unit that extracts, from network data of a road network in which a plurality of links are connected, link direction information on direction of a link, wherein

the creating unit creates the second three-dimensional object further based on the link direction information.

13.   (New) The map information creating device according to claim 9, further comprising a texture extracting unit that extracts texture information including information on a texture drawn on an arbitrary surface of the three-dimensional object, information on a drawing cycle of the texture, and information on a representative color of the arbitrary surface, from the three-dimensional object, wherein

the creating unit creates the second three-dimensional object based on the texture information.

14.   (New) The map information creating device according to claim 9, wherein

the creating unit includes a detecting unit that detects whether a first end-face data representing an end face a first three-dimensional object created by the creating unit and a second end-face data representing an end face of a second third-dimensional object other than the first three-dimensional object intersect with each other, and

the creating unit creates a complementary three-dimensional object that complements between the first three-dimensional object and the second three-dimensional object by carrying out drawing in which peaks of the first end-face data and the second end-face data are extended, based on a result of detection by the detecting unit.

15.   (New) A map information creating method comprising:

extracting geometry data from map information including a three-dimensional object indicating three-dimensional geometry configured by width, height, and length, the geometry data including a cross-section constituted of at least the width and the height of the three-dimensional object; and

creating a second geometry object having geometry identical to that of the three-dimensional object based on the geometry data extracted.

16.   (New) The map information creating method according to claim 15, further comprising extracting information on length of the three-dimensional object from data including information on the length, wherein

the creating includes creating the second three-dimensional object further based on the information on length extracted.

17.   (New) The map information creating method according to claim 16, further comprising extracting, from network data on a road network in which a plurality of links are connected, link length information on length of a link as the information on length, wherein

the creating includes creating the second three-dimensional object further based on the link length information.

18.   (New) The map information creating method according to claim 15, further comprising extracting, from network data of a road network in which a plurality of links are connected, link direction information on direction of a link, wherein

the creating includes creating the second three-dimensional object further based on the link direction information.

19.   (New) The map information creating method according to claim 15, further comprising extracting texture information including information on a texture drawn on an arbitrary surface of the three-dimensional object, information on a drawing cycle of the texture, and information on a representative color of the arbitrary surface, from the three-dimensional object, wherein

the creating includes creating the second three-dimensional object based on the texture information.

20.   (New) The map information creating method according to claim 15, further comprising detecting whether a first end-face data representing an end face a first three-dimensional object created at the creating and a second end-face data representing an end face of a second third-dimensional object other than the first three-dimensional object intersect with each other, wherein

the creating includes creating a complementary three-dimensional object that complements between the first three-dimensional object and the second three-dimensional object by carrying out drawing in which peaks of the first end-face data and the second end-face data are extended, based on a result of detection at the detecting.

21.   (New) A computer-readable recording medium that stores therein a map information creating program making a computer execute:

extracting geometry data from map information including a three-dimensional object indicating three-dimensional geometry configured by width, height, and length, the geometry data including a cross-section constituted of at least the width and the height of the three-dimensional object; and

creating a second geometry object having geometry identical to that of the three-dimensional object based on the geometry data extracted.

22.   (New) The computer-readable recording medium according to claim 21, wherein

the map information creating program further makes the computer execute extracting information on length of the three-dimensional object from data including information on the length, and

the creating includes creating the second three-dimensional object further based on the information on length extracted.

23.   (New) The computer-readable recording medium according to claim 22, wherein

the map information creating program further makes the computer execute extracting, from network data on a road network in which a plurality of links are connected, link length information on length of a link as the information on length, and

the creating includes creating the second three-dimensional object further based on the link length information.

24. (New) The computer-readable recording medium according to claim 21, wherein the map information creating program further makes the computer execute extracting, from network data of a road network in which a plurality of links are connected, link direction information on direction of a link, and

the creating includes creating the second three-dimensional object further based on the link direction information.

25. (New) The computer-readable recording medium according to claim 21, wherein the map information creating program further makes the computer execute extracting texture information including information on a texture drawn on an arbitrary surface of the three-dimensional object, information on a drawing cycle of the texture, and information on a representative color of the arbitrary surface, from the three-dimensional object, and

the creating includes creating the second three-dimensional object based on the texture information.

26. (New) The computer-readable recording medium according to claim 21, wherein the map information creating program further makes the computer execute detecting whether a first end-face data representing an end face a first three-dimensional object created at the creating and a second end-face data representing an end face of a second third-dimensional object other than the first three-dimensional object intersect with each other, and

the creating includes creating a complementary three-dimensional object that complements between the first three-dimensional object and the second three-dimensional object by carrying out drawing in which peaks of the first end-face data and the second end-face data are extended, based on a result of detection at the detecting.